

Message

From: Jane Hoppin [jahoppin@ncsu.edu]
Sent: 10/10/2017 1:39:06 PM
To: Rob Smart [rcsmart@ncsu.edu]; Katlyn May [kmay2@ncsu.edu]; Joyce Hargrove [jkhargro@ncsu.edu]; Detlef R. U. Knappe [knappe@ncsu.edu]; Nadine Kotlarz [nkotlar@ncsu.edu]; Lea, Suzanne [LEAC@ecu.edu]; Collier, David [collierd@ecu.edu]; DeWitt, Jamie [DEWITTJ@ecu.edu]; Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]; Strynar, Mark [Strynar.Mark@epa.gov]; Tarte, Phillip [ptarte@nhcgov.com]; Matney, Katelyn [kmatney@nhcgov.com]; Kemp Burdette [kemp@cfrw.us]
Subject: Good news!

Hi all,

Looks like the check is in the mail! No formal notice of award yet, but it's coming.

Thanks for all your help. Now we have to do the work!

Jane

----- Forwarded message -----

From: Finn, Symma (NIH/NIEHS) [E] <symma.finn@nih.gov>
Date: Tue, Oct 10, 2017 at 9:02 AM
Subject: RE: response to summary statement
To: Jane Hoppin <jahoppin@ncsu.edu>
Cc: "Barnes, Martha (NIH/NIEHS) [E]" <barnes@niehs.nih.gov>, "Thompson, Claudia (NIH/NIEHS) [E]" <thompso1@niehs.nih.gov>, "Mastin, Pat (NIH/NIEHS) [E]" <mastin@niehs.nih.gov>, "Puente, Molly (NIH/NIEHS) [E]" <puentem@mail.nih.gov>

Hi Jane

I was told last Friday that it is in line for funding. I don't have a specific timeframe but understand that these go out the door as quickly as possible. Congratulations

Symma

From: Jane Hoppin [mailto:jahoppin@ncsu.edu]
Sent: Monday, October 09, 2017 9:29 AM
To: Finn, Symma (NIH/NIEHS) [E] <symma.finn@nih.gov>
Cc: Barnes, Martha (NIH/NIEHS) [E] <barnes@niehs.nih.gov>; Thompson, Claudia (NIH/NIEHS) [E] <thompso1@niehs.nih.gov>; Mastin, Pat (NIH/NIEHS) [E] <mastin@niehs.nih.gov>
Subject: Re: response to summary statement

Hi Symma,

Good morning! Just wanted to check in with you about the status of my proposal and get an update on the process and timeline. We're still moving forward and should have IRB approval completed by the end of the week.

Can you update me?

Thanks.

Jane

On Wed, Sep 27, 2017 at 11:33 AM, Finn, Symma (NIH/NIEHS) [E] <symma.finn@nih.gov> wrote:

Dear Jane

Thank you very much for your additional responses. They adequately address my questions.

Symma

From: Jane Hoppin [mailto:jahoppin@ncsu.edu]

Sent: Wednesday, September 27, 2017 11:19 AM

To: Finn, Symma (NIH/NIEHS) [E] <symma.finn@nih.gov>

Cc: Barnes, Martha (NIH/NIEHS) [E] <barnes@niehs.nih.gov>; Thompson, Claudia (NIH/NIEHS) [E] <thompso1@niehs.nih.gov>; Mastin, Pat (NIH/NIEHS) [E] <mastin@niehs.nih.gov>

Subject: Re: response to summary statement

Hi Symma,

Thanks for this feedback.

See my specific responses below.

Jane

On Wed, Sep 27, 2017 at 10:15 AM, Finn, Symma (NIH/NIEHS) [E] <symma.finn@nih.gov> wrote:

Hi Jane

Thank you for providing answers to the reviewers concerns about your time-sensitive proposal. Your responses address the majority of concerns however can you provide some additional information on the following:

1. "There is a lack of discussion about what would happen if GenX is not detected in urine or serum, as well as limited discussion of alternative approaches". "Other PFAS are not found in urine of humans in measurable amounts."

Urine samples: you note that GenX has been measured in urine in animal toxicokinetic studies, so you expect it to be detectable in humans.

Here is the reference for the toxicokinetic studies: Gannon, S.A., et al., *Absorption, distribution, metabolism, excretion, and kinetics of 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid ammonium salt following a single dose in rat, mouse, and cynomolgus monkey*. Toxicology, 2016. **340**: p. 1-9. The EPA lab has also measured GenX in urine samples from laboratory animals.

However, you give no references about this research in animals, nor do you provide any explanation of what you would do if it is NOT detected in humans. The alternative approach you noted in the application was about assessing the water source, which reviewers did not think would be a good proxy.

We are concerned that we might not be able to measure GenX in people. We do not know the half life of GenX in humans. As I mentioned in the response, we have identified a source of serum samples from people in the Wilmington region (n~20) that were collected before the community knew about GenX. These samples, though not from study participants, should give us insight into historical levels in the area. Additionally, we expect that we will be able to see the Nafion byproducts reported at the end of August since the Chemours plant only stopped discharging these on September 8, 2017. Ultimately the only way we will know if GenX is currently measureable is to look for it.

2. "Community members of the Science Advisory Group are not identified nor is the selection process."

In addition, although reviewers noted some level of concern with the process for return of results (which you have addressed in your letter), I had some concerns about the expertise advising your team about this process. You note in your letter that you are assembling a Community science advisory board to help identify best ways to report back results to individuals and communities and you list those you have consulted with about this but you still have not noted the expertise to be involved. And, although you list Dr. May as having a science education background, given the possibility that the return of results will not be what is expected by the population, nor will provide specific information on their individual health risk, it may be important to consider including consultation with a communications expert (someone with experience in dissemination and implementation (D&I) research, a social scientist or someone with extensive experience in community outreach and engagement). Please either identify what type of expertise will be on the board or consider consulting with a D&I specialist.

Thanks for this feedback. I reached out to Katy May and she's suggested the following for help with this project: Colleagues at NC State will provide their expertise in engaging with communities. Dr. Craig Brookins, a community psychologist and expert in community engagement, as well as Dr. David Berube, an environmental risk communication expert will join the Advisory Board to round out the group's skill sets and ensure that study results are communicated back to the participants and the larger community in an effective, yet sensitive manner. Additionally, we will employ appropriate PEPH tools for communication.

Thank you for providing some additional information about your proposal.

Regards

Symma

From: Jane Hoppin [mailto:jahoppin@ncsu.edu]

Sent: Tuesday, September 26, 2017 1:37 PM

To: Finn, Symma (NIH/NIEHS) [E] <symma.finn@nih.gov>

Cc: Barnes, Martha (NIH/NIEHS) [E] <barnes@niehs.nih.gov>

Subject: response to summary statement

Hi Symma,

Attached is my response to the summary statement for my time sensitive R21. Please contact me if you need more information.

Best wishes,

Jane

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Jane Hoppin, ScD

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